

# **COMBINING IMAGERY AND IN-SITU DATA**

- **Introduction: What is Needed?**
- **Individual presentations**  
**Topic and time**
- **General discussion**
- **Summary**  
**Action items**

# **Introduction: What is Needed?**

- **Features to Study**

  - Small-scale structures in solar wind**

  - Large-scale structures**

    - **Transients (move outward radially)**
    - **CIRs, streamers (corotate)**

- **Types of Data to Display**

- **Types of Displays**

  - Stackplots**

  - Quicklook displays**

    - **Beacon data; ACE-type browse; Key parameters**
    - **Type, range, time scales of each measurement**
    - **Side-by-side or all-in-one displays?**

  - Final displays**

- **Incorporating data from other missions**

  - STEREO (images+in-situ) + Solar-B (images/spectroscopy/mag. f**

  - Existing: ACE, Wind (WAVES & EPACT), SOHO, TRACE, Ulysses, SMEI, IPS, SXI 1 (& 2)**

  - Are special arrangements needed?**

- **Incorporating Models**  
**High res,, 3D at Sun; Global, low res. for heliosphere**  
**Modeling discussion this afternoon**
- **Space weather aspects**  
**Drivers of geoactivity**  
**Support NASA Moon, Mars initiative (particles; radiation)**
- **Interface with other groups**  
**Virtual observatories**  
**IHY (2007)**  
**EP/O activities**

# **Individual Presentations**

# Summary and Action Items